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| [Product Info](#) |

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for your feedback and questions, contact us via email:

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1. γ -ORYZANOL

γ -oryzanol is a mixed-plant steroid consisting of sterol indigenous to rice and ferulic acid ester of trimethylsterol. The proportion of component substances creates differences in effectiveness and characteristic features. Our company has the technical know-how to control the proportion of component substances. We can make sure that each of γ -oryzanol A, B, and C has its own specific composition ratio according to its own intended use.

3. OCTACOSANOL

4. SESAMO LIGNAN

In addition, we will meet your request to extract oil and fat content and minor constituents from plants as well as manufacturing of your product including preparation (like supplements) according to your needs.

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MeSH Descriptor Data

1: J Biochem (Tokyo). 1978 Apr;83(4):1213-6.

Isolation of a novel sphingoglycolipid containing glucuronic acid and 2-hydroxy fatty acid from *Flavobacterium devorans* ATCC 10829.

Yamamoto A, Yano I, Masui M, Yabuuchi E.

A new acidic sphingoglycolipid has been isolated from a Gram-negative, glucose-non-fermentative (obligatory aerobic) bacterium, *Flavobacterium devorans* ATCC 10829, by thin-layer chromatography on silica gel after mild alkaline hydrolysis of the cellular lipids. Chemical degradation studies, thin-layer chromatographic behavior, IR and mass-spectrometric analysis of the original and reduced glycolipid with LiAlH_4 revealed that the lipid contained glucuronic acid, long-chain bases, and fatty acids in a molar ratio of approximately 1:1:1. The major long-chain bases were identified by gas chromatography-mass spectrometry as dihydrosphingosine (d-18 :0) and longer homologues, while the N-acyl group was exclusively 2-hydroxy myristic acid. The most probable structure of this glycolipid appeared to be a ceramide glucuronic acid (N-acyl dihydrosphingosine 1-glucuronic acid).

PMID: 659393 [PubMed - indexed for MEDLINE]

MAJOR PRODUCTS

Our γ -oryzanol has been sold for thirty years as an ingredient of "Hi-Z" sold by Otsuka Pharmaceutical Co., Ltd. for physicians' use. The effectiveness, quality, and safety of this ingredient have been evaluated quite highly. Our market share of the γ -oryzanol preparation for curative medicine is currently approximately 90 percent.

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It has already been fifteen years since we succeeded in extracting high-purity sphingoglycolipid from rice bran in an industrial way for the first time in the world. Since we extract sphingoglycolipid from rice that is a natural product and familiar to the Japanese, it is safer than that of animal origin. We have already commercialized a one-percent sphingoglycolipid solution. (We make sure that the volume of sphingoglycolipid contained in the solution is high enough to be effective.) Iwase Kosfa Inc. sells it as "Plant Sphingo Solution FR1", and the sales volume increases annually. We also prepare food materials for health food and food additives.

Octacosanol is saturated higher-grade alcohol. We extract octacosanol from wax contained in rice oil and purify it using alcohol. Even though the octacosanol is a higher-grade alcohol that is slightly soluble in water, it is reported to be effective for lack of oxygen, blood circulation, and other symptoms. In the United States, the octacosanol is used as a health food for athletes. We also make a water-soluble powder used to create drinks such as Nearwater.

Sesamolin and sesamin enrichment and crystal

In addition, we will meet your request to extract oil and fat content and minor constituents from plants as well as manufacturing of your product including preparation (like supplements) according to your needs.

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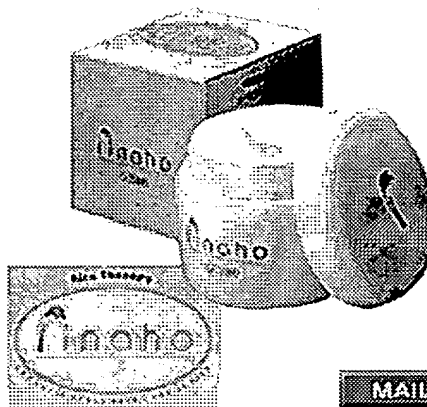
Inaho Skin Cream

Rice Components

Keep the Skin Well Moistened

a For the whole body

- Unflavored and uncolored
- Formulated using natural rice bran components



In Japan, rice bran has long been used in "nukabukuro" (rice bran bags) for aesthetic and health-promoting purposes, with its moisture-retaining, skin-whitening and skin-smoothing effects. In recent years, scientific research has demonstrated the various actions of rice bran components. Formulated using natural rice bran extract components, Inaho Skin Cream can be used by all family members to mitigate dryness and chapping on elbows, knees, heels, hands and elsewhere in the body.

Based on rice bran extract action, Inaho Skin Cream has various effects on skin:

- * Moisturizes skin, to prevent chapping.
- * Smoothes skin and keeps it well moistened.
- * Heals damaged skin.
- * Removes active oxygen in skin, to suppress lipid peroxide production.

Major Actions of Rice Bran Components Contained in Inaho Skin Cream

Component	Major Actions
Rice germ oil	Moisture retention
Inositol	One of the B vitamins, promotes skin cell growth
γ -oryzanol	Mitigates skin aging, ultraviolet absorption
Phytic acid	Removes active oxygen, promotes skin cell growth
Vitamin E	Prevents chapped and dry skin
Rice ceramide	Skin barrier function

Product name	Inaho Skin Cream
Ingredients	Rice germ oil, inositol, γ -oryzanol, phytic acid, vitamin A oil (skin conditioner), natural vitamin E, dipotassium glycyrrhizinate, sphingoglycolipid, rice ceramide (moisture retainer), paraben
Contents	120 g
Distributed by	Tsuno Rice Fine Chemicals Co., Ltd.
Manufactured by	Natural Cosmetics Ltd.

Cautions !

If skin abnormality or incompatibility develops, discontinue use.



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